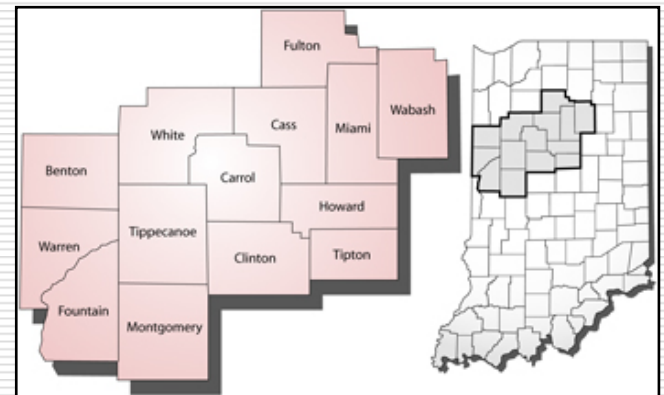


The Leveraging Power of SSI

SSI Summit
July 11, 2007 - Indianapolis



Workforce **I**nnovation in **R**egional **E**conomic **D**evelopment (WIRED) is an initiative of the US Department of Labor Employment and Training Administration

SSI: The Gift that Keeps on Giving - 1

- ❑ 2005 – EGR 4 awarded \$346K as part of SSI
- ❑ 2006 – EGR 4(+2) awarded \$15 million as part of U.S. DOLETA WIRED initiative
- ❑ 2006 - Ivy Tech awarded \$1.8 million from DOL ETA for Advanced Manufacturing Training initiative

SSI: The Gift that Keeps on Giving - 2

- ❑ 2006 Purdue awarded \$1.5 million in “Kauffman Campus” Entrepreneurship Initiative
- ❑ 2007 – Communities within EGR 4(+2) awarded \$400K in Indiana OCRA grants

SSI: The Gift that Keeps on Giving - 3

- Since the 2006 SSI award, an additional \$18.7 million in state and federal resources have been invested in the region representing a leverage of \$54 to \$1.

Resulting New Indiana Partners

- ❑ Indiana Venture Center
- ❑ Indiana Council for Economic Education
- ❑ Indiana Manufacturers Association
- ❑ Indiana InternNet
- ❑ 22 units within Purdue

Resulting New Federal Partners

- ☐ Economic Development Administration
- ☐ National Institute for Standards & Technology
- ☐ Department of Energy

Resulting New National Partners

- ❑ New Economy Strategies, Inc.
- ❑ Council on Competitiveness
- ❑ CAEL
- ❑ Center for Rural Entrepreneurship
- ❑ Eureka! Winning Ways

The Impact, So Far...

Perhaps the most significant alignment of local, state, and federal resources ever seen in Indiana's workforce, higher education, and economic development efforts.

Our Transformation Strategies

- ❑ Creating Globally Competitive Industry Clusters
- ❑ Building an Entrepreneurship Super-Region
- ❑ Developing 21st Century Talent
- ❑ Weaving a Supportive Civic Network
- ❑ Development of a multi-million dollar Opportunity Fund

Industry Cluster Approach

- ❑ Move Innovations into North Central Indiana Industry
 - Identify Strongest Regional Clusters
 - Identify Relevant Innovations
 - Recruit Pilot Industries
- ❑ Use an **Enterprise Wide** approach to move innovations into industry through:
 - Tech Transfer
 - Technical Assistance
 - Skill Development at all levels

Industry Clusters

☐ Advanced Manufacturing

- Healthcare Cost Control
- Energy Efficiency

☐ Advanced Materials

- Nano-structured Coatings

☐ Agribusiness, Food Processing & Technology

- Supply Chain Innovations

Entrepreneurship Approach

□ Three Strategies

- Create a regional community and culture that supports entrepreneurship
- Develop stronger connections among and build the capacities of support organizations
- Increase the availability of resources for existing and emerging entrepreneurs

Entrepreneurship Strategies - 1

- ❑ **Educating Future Entrepreneurs**
 - Entrepreneurship Youth Institute
 - STEM-Focused Entrepreneurship Summer Camp
- ❑ **Supporting Emerging Entrepreneurs**
 - Regional Business Plan Competition
 - Entrepreneurship Business Information Network (eBIN)
- ❑ **Equipping Established Businesses to Act Entrepreneurially**
 - Eureka Winning Ways

Entrepreneurship Strategies - 2

- ❑ **Building Capacity Among Support Organizations**
 - Regional Angel Investor Network
 - Wealth Transfer/Community Development Venture Capital Fund
- ❑ **Urging Communities to Be Entrepreneurial-Friendly**
 - Energizing Entrepreneurship
 - Entrepreneurship & Innovation Compact

21st Century Skills Approach

- **Two primary talent networks**
 - Retaining and Retraining Mature Worker (45+) Talent
 - STEM-Education Capacity Building for K-12 Schools

21st Century Skills Strategies

☐ **Mature Workers**

- Maturity Matters
- Lifelong Learning Institute

☐ **K-12 Stem Capacity Building**

- New Tech High – Rochester & Outreach
- Project Lead the Way
 - ☐ Greatly Expanding High School Coverage
 - ☐ Greatly Expanding Middle School Coverage
 - ☐ Increased Computer-Integrated Manufacturing Course

Civic Leadership Network Approach & Strategies

- ❑ Conduct Quarterly WIRED Forums
- ❑ Engage Civic Leaders on a Regional Innovation Mission or some other learning experience
- ❑ Develop a Structure for an On-Going Regional Civic Network

Opportunity Fund Approach

- ☐ Exploratory/Pilot Investments
- ☐ Demonstration Project Investments
- ☐ Implementation Project Investments

Ideas in Development

- A comprehensive *Energy Systems* Economic Development and Workforce initiative
 - Leveraging Biotown's emerging national prominence
 - Clinton County's efforts
 - Purdue's Energy Center
 - Linking with Anderson, Indiana's Flagship Energy Systems Center
 - Automotive engineering and production expertise
 - Ivy Tech's proposed facility in White County

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